

## Phthalofyne

1,4-Phthalazinedione, 2,3-dihydro- [1445-69-8]

## Phthalofyne

See 1,2-Benzenedicarboxylic acid, esters, mono(1-ethyl-1-methyl-2-propynyl) ester [131-67-9]

## Phthalogen Brilliant Blue IF 3GK

See C.I. Ingrain Blue 13 [61725-23-3]

## Phthalogen Brilliant Blue IF 3GM

See C.I. Ingrain Blue 14 [72828-09-2]

## Phthalogen Brilliant Green IF 2BM

See C.I. Ingrain Green 5:1 [138860-52-3]

## Phthalogen Turquoise IFBK

See C.I. Ingrain Blue 14 [138860-51-2]

## Phthalogen Turquoise IFBM

See C.I. Ingrain Blue 15 [55585-20-1]

## Phthaloguanamine

See 1,3,5-Triazine-2,4-diamine, 6,6'-(1,2-phenylene)bis- [5118-79-6]

## Phthalohydroxamimide

See 1H-Isindole-1,3(2H)-dione, dioxime [4741-70-2]

## Phthalonic acid

See Benzenecetic acid, 2-carboxy- $\alpha$ -oxo- [528-46-1]

## —, 6-carboxy-

See 1,3-Benzenedicarboxylic acid, 2-(carboxycarbonyl)- [3112-43-4]

## Phthalonimide

See 1,3,4(2H)-Isoquinolinetriene [521-73-3]

## Phthalophenone

See 1(3H)-Isobenzofuranone, 3,3-diphenyl- [596-29-2]

## Phthalophos

See Phosphorodithioic acid, esters, S-[(1,3-dihydro-1,3-dioxo-2H-isindol-2-yl)methyl] O,O-dimethyl ester [732-11-6]

## 2,3-Phthaloyl-1-azapyrrocoline

See Naphth[2',3':4,5]imidazol-1,2-a]pyridine-6,11-dione [6543-78-8]

## 2,3-Phthaloylcarbazole

See 5H-Naphtho[2,3-b]carbazole-7,12-dione [5657-02-3]

## 6,7-Phthaloyl-2-coumaranone

See Anthra[1,2-b]furan-2,6,11(3H)-trione [4430-67-5]

## 6,7-Phthaloylindazole

See 2H-Anthra[1,2-c]pyrazole-6,11-dione [4395-64-6]

## 6,7-Phthaloylisatin

See 1H-Naphth[2,3-g]indole-2,3,6,11-tetrone [5722-40-7]

## 4,5-Phthaloylperimidone

See 1H-Naphtho[2,3-e]perimidine-2,8,13(3H)-trione [2306-36-7]

## Phthaloyl peroxide

See 2,3-Benzodioxin-1,4-dione [4733-52-2]

## 2,3-Phthaloylpyrrocoline

See Benzof[pyrido[1,2-a]indole-6,11-dione [5649-78-5]

## Phthalpirine

See 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 3-[(acetyloxy)methyl]-8-oxo-7-[[4-(pyridinylthio)acetyl]amino]-, 1,3-dihydro-3-oxo-1-isobenzofuranyl ester, (6R,7R)- [80929-54-0]

## Phthalthrin

See Cyclopropanecarboxylic acid, 2,2-dimethyl-3-(2-methyl-1-propenyl)-, (1,3,4,5,6,7-hexahydro-1,3-dioxo-2H-isindol-2-yl)methyl ester [7696-12-0]

## Phthalyl alcohol

See 1,2-Benzenedimethanol [612-14-6]

## Phthalylsulfacetamide

See Benzoic acid, 2-[[[4-(acetylamino)sulfonyl]phenyl]amino]carbonyl]- [131-69-1]

## Phthalylsulfamethizole

See Benzoic acid, 2-[[[4-[(5-methyl-1,3,4-thiadiazol-2-yl)amino]sulfonyl]phenyl]amino]carbonyl]- [485-24-5]

## Phthalylsulfathiazole

See Benzoic acid, 2-[[[4-(2-thiazolylamino)sulfonyl]phenyl]amino]carbonyl]- [85-73-4]

## Phthanite

See Siliceous shale (phthanite)

## Phthazin

See Benzoic acid, 2-[[[4-[(6-methoxy-3-pyridazinyl)amino]sulfonyl]phenyl]amino]carbonyl]- [13010-46-3]

## Phthazine

See Benzoic acid, 2-[[[4-[(6-methoxy-3-pyridazinyl)amino]sulfonyl]phenyl]amino]carbonyl]- [13010-46-3]

## Phtheiropersomide

See  $\beta$ -D-Glucopyranoside, 2-(3,4-dihydroxyphenyl)-ethyl 3-O-(6-deoxy- $\alpha$ -L-mannopyranosyl)-, 4-[(2E)-3-(3-hydroxy-4-methoxyphenyl)-2-propenoate] [113953-02-9]

## Phthiobuzone

See Hydrazinecarbothioamide, 2,2'-[1-(1,3-dihydro-1,3-dioxo-2H-isindol-2-yl)ethyl]-1,2-ethanediyldiene]bis- [70386-40-2]

## Phthiocol

See 1,4-Naphthalenedione, 2-hydroxy-3-methyl- [483-55-6]

## Phthirusa pyrifolia

See Lanthus pyrifolius

## Phthirus pubis

See Pthirus pubis

## Phthivazid

See 4-Pyridinecarboxylic acid, hydrazides, [(4-hydroxy-3-methoxyphenyl)methylene]hydrazide [149-17-7]

## Phthoracizine

See 10H-Phenothiazine, 10-[3-(diethylamino)-1-oxopropyl]-2-(trifluoromethyl)-, monohydrochloride [27312-93-2]

## Phthoramycin

See Spiro[21,25-methano-2H,19H,23H-pyrano[2,3-h][1,5]dioxacyclotetracosin-23,2'-(2H)pyran]-19-one, 3,3',4',4',4a,5',6',7,8,9,10,11,12,13,14,15,16,21,22,25,26,26a-docosahydro-10,11,13,15,16,

26a-hexahydroxy-6'-(2-hydroxybutyl)-3,5',10,14,16,27-hexamethyl- [119313-46-1]

## Phthorimaea operculella

Potato tuberworm is also indexed at this heading

## Phthoxazolin A

See 4,6,8-Decatrienamide, 3-hydroxy-2,2,4-trimethyl-10-(5-oxazolyl)-, (3R,4Z,6Z,8E)- [130288-22-1]

## PHX 34

See 1,3,5-Triazine, hexahydro-1,3,5-trinitro- [121-82-4]

## PhXA 12

See 5-Heptenoic acid, 7-[(1R,2R,3R,5S)-3,5-dihydroxy-2-[(1E)-3-oxo-5-phenyl-1-pentenyl]cyclopentyl]-, 1-methylethyl ester, (5Z)- [130209-77-7]

## PhXA 34

See 5-Heptenoic acid, 7-[3,5-dihydroxy-2-(3-hydroxy-5-phenylpentyl)cyclopentyl]-, 1-methylethyl ester [155551-81-8]

## PhXA 41

See 5-Heptenoic acid, 7-[(1R,2R,3R,5S)-3,5-dihydroxy-2-[(3R)-3-hydroxy-5-phenylpentyl]cyclopentyl]-, 1-methylethyl ester, (5Z)- [130209-82-4]

## PhXA 70

See 5-Heptenoic acid, 7-[(1R,2R,3R,5S)-3,5-dihydroxy-2-[(1E,3S)-3-hydroxy-5-phenyl-1-pentenyl]cyclopentyl]-, (5Z)- [38344-08-0]

## PhXA 85

See 5-Heptenoic acid, 7-[(1R,2R,3R,5S)-3,5-dihydroxy-2-[(3R)-3-hydroxy-5-phenylpentyl]cyclopentyl]-, (5Z)- [41639-83-2]

## Phycis (insect)

See Phycita

## Phycobilins

See Biliproteins

## Phycobiliproteins

See Biliproteins

## Phycobilisome

Organelle found in cyanobacteria and some algae, but not in plants

## Phycocyanin C

See Phycocyanins, C-

## Phycocyanins

See also related: Allophycocyanins  
Photosynthesis, biological

## Phycocyanobilin

See 21H-Biline-8,12-dipropionic acid, 18-ethyl-3-ethylidene-1,2,3,19,22,24-hexahydro-2,7,13,17-tetramethyl-1,19-dioxo-, (2R,3E)- [20298-86-6]

## Phycocyanorubin

See 21H-Biline-8,12-dipropionic acid, 18-ethyl-3-ethylidene-1,2,3,10,19,22,23,24-octahydro-2,7,13,17-tetramethyl-1,19-dioxo-, (2R,3E)- [150643-20-2]

## Phycodnaviridae

## Phycodnavirus

## Phycocerythrins

See also related: Photosynthesis, biological

## Phycocerythrobilin

See 21H-Biline-8,12-dipropionic acid, 18-ethenyl-3-ethylidene-1,2,3,15,16,19,22,24-octahydro-2,7,13,17-tetramethyl-1,19-dioxo-, (2R,3E,16R)- [18097-67-1]

## Phycomycetes

See Fungi, phycomycetous

## Phycomysterol A

See 19-Norergosta-5,7,9,24(28)-tetraen-3-ol, (3 $\beta$ )- [216254-70-5]

## Phycomysterol B

See 19-Norergosta-5,7,9-trien-3-ol, (3 $\beta$ )- [15019-42-8]

## Phycon 6500

See Silicone rubber

## Phycopsisenone

See 1-Hexen-3-one, 5-hydroxy-1-(4-hydroxyphenyl)-5-methyl-, (1E)- [162857-70-7]

## Phygon

See 1,4-Naphthalenedione, 2,3-dichloro- [117-80-6]

## Phygon XL

See 1,4-Naphthalenedione, 2,3-dichloro- [117-80-6]

## Phygrine

See 2-Propanone, 1-[1-methyl-5-(2-oxopropyl)-2-pyrrolidinyl]-3-(1-methyl-2-pyrrolidinyl)- [148139-97-3]

## Phyllacanthone

See 10H-Dibenzo[a,d]cyclohepten-10-one, 1,2,3,4,11,11a-hexahydro-7-methoxy-1,1,8-trimethyl-, (11aR)- [136624-31-2]

## Phyllactone A

See Pentanoic acid, 3-hydroxy-, (3R,4R,5aS,5bR,7aS,8S,11aS,11bR,13R,13aS)-8-ethyl-1,3,4,5,5a,5b,6,7,7a,8,9,10,11,11a,11b,12,13,13a-octadecahydro-4-hydroxy-3,5b,8,11a,13a-pentamethyl-1-oxochryseno[1,2-c]furan-13-yl ester [145613-54-3]

## Phyllactone B

See Pentanoic acid, 3-hydroxy-, (3S,4R,5aS,5bR,7aS,8S,11aS,11bR,13R,13aS)-8-ethyl-1,3,4,5,5a,5b,6,7,7a,8,9,10,11,11a,11b,12,13,13a-octadecahydro-4-hydroxy-3,5b,8,11a,13a-pentamethyl-1-oxochryseno[1,2-c]furan-13-yl ester [145680-52-0]

## Phyllactone C

See Pentanoic acid, 3-(acetyloxy)-, (3S,4R,5aS,5bR,7aS,8S,11aS,11bR,13R,13aS)-4-(acetyloxy)-8-ethyl-1,3,4,5,5a,5b,6,7,7a,8,9,10,11,11a,11b,12,13,13a-octadecahydro-3,5b,8,11a,13a-pentamethyl-1-oxochryseno[1,2-c]furan-13-yl ester [145613-55-4]

## Phyllactone D

See Pentanoic acid, 3-hydroxy-, (3R,5aS,5bR,7aS,8S,11aR,11bS,13R,13aS)-8-ethyl-1,3,5a,5b,6,7,7a,8,9,10,11,11a,11b,12,13,13a-hexadecahydro-3-hydroxy-3,5b,8,11a,13a-pentamethyl-1-oxochryseno[1,2-c]furan-13-yl ester [145613-56-5]

## Phyllactone E

See Pentanoic acid, 3-hydroxy-, (3S,5aS,5bR,7aS,8S,11aR,11bS,13R,13aS)-8-ethyl-1,3,5a,5b,6,7,7a,8,9,10,11,11a,11b,12,13,13a-hexadecahydro-3-hydroxy-3,5b,8,11a,13a-pentamethyl-1-oxochryseno[1,2-c]furan-13-yl ester [145680-53-1]

## Phyllactone F

See Pentanoic acid, 3-hydroxy-4-methyl-, (3R,5aS,5bR,7aS,8S,11aS,11bR,13R,13aS)-8-ethyl-1,3,5a,5b,6,7,7a,8,9,10,11,11a,11b,12,13,13a-hexadecahydro-3-hydroxy-3,5b,8,11a,13a-pentamethyl-1-oxochryseno[1,2-c]furan-13-yl ester [152110-15-1]

## Phyllactone G

See Pentanoic acid, 3-hydroxy-4-methyl-, (3S,5aS,5bR,7aS,8S,11aS,11bR,13R,13aS)-8-ethyl-1,3,5a,5b,6,7,7a,8,9,10,11,11a,11b,12,13,13a-hexadecahydro-3-hydroxy-3,5b,8,11a,13a-pentamethyl-1-oxochryseno[1,2-c]furan-13-yl ester [152186-80-6]

## Phyllalbine

See Benzoic acid, 4-hydroxy-3-methoxy-, (3-endo)-8-methyl-8-azabicyclo[3.2.1]oct-3-yl ester [4540-25-4]

## Phyllamyricin A

See Naphtho[2,3-c]furan-1(3H)-one, 4-(1,3-benzodioxol-5-yl)-6,7,8-trimethoxy- [164124-32-7]

## Phyllamyricin B

See 2-Naphthalenecarboxaldehyde, 1-(1,3-benzodioxol-5-yl)-6,7-dimethoxy-3-(methoxymethyl)- [164124-33-8]

## Phyllamyricin C

See Naphtho[2,3-c]furan-1(3H)-one, 9-(1,3-benzodioxol-5-yl)-5,6,7-trimethoxy- [164124-34-9]

## Phyllamyricin F

See 2-Naphthalenemethanol, 4-(1,3-benzodioxol-5-yl)-6,7-dimethoxy-3-methyl- [184094-79-9]

## Phyllamyricoside A

See  $\beta$ -D-Glucopyranoside, 4-(1,3-benzodioxol-5-yl)-2-(hydroxymethyl)-6,7-dimethoxy-3-methyl-1-naphthalenyl [184094-80-2]

## Phyllamyricoside B

See  $\beta$ -D-Glucopyranoside, 4-(1,3-benzodioxol-5-yl)-2,3-bis(hydroxymethyl)-6,7-dimethoxy-1-naphthalenyl [184094-81-3]

## Phyllamyricoside C

See  $\beta$ -D-Glucopyranoside, 4-(4-hydroxy-3-methoxyphenyl)-2-(hydroxymethyl)-6,7-dimethoxy-3-methyl-1-naphthalenyl [184094-82-4]

## Phyllanone A

See 4H-1-Benzopyran-4-one, 2,3-dihydro-3,5,7-trihydroxy-3-(5-methoxy-2,2-dimethyl-2H-1-benzopyran-6-yl)-8-(3-methyl-2-butenyl)-, (3S)- [194299-11-1]

## Phyllanone B

See 4H-1-Benzopyran-4-one, 2,3-dihydro-5,7-dihydroxy-3-(4-hydroxy-2-methoxy-3-(3-methyl-2-butenyl)phenyl)-8-(3-methyl-2-butenyl)-, (3R)- [194299-12-2]

## Phyllanthanol

See Lanost-25-en-3-one, 1-hydroxy-, (1 $\beta$ ,13 $\alpha$ ,14 $\beta$ ,17 $\alpha$ )- [123085-19-8]

## Phyllanthenone

See Lanosta-1,25-dien-3-one, (13 $\alpha$ ,14 $\beta$ ,17 $\alpha$ )- [123085-20-1]

## Phyllanthanol

See Lanost-7-en-3-ol, (3 $\alpha$ ,13 $\alpha$ ,14 $\beta$ ,17 $\alpha$ )- [123165-74-2]

## Phyllanthimide

See 2,6-Piperidinedione, 3-(dimethylamino)-1-(2-phenylethyl)- [116174-65-3]

## Phyllanthin

See Benzene, 1,1'-(2,3-bis(methoxymethyl)-1,4-butanediyl)bis[3,4-dimethoxy-, [S-(R\*,R\*)]- [10351-88-9]

## Phyllanthine

See 8H-6,11b-Methanofuro[2,3-c]pyrido[1,2-a]azepin-2(6H)-one, 9,10,11,11a-tetrahydro-10-methoxy-, (6S,10R,11aR,11bS)- [20072-02-0]

## —, hexahydro-

See 6H-Benzo[a]quinolizin-6-one, dodecahydro-11a-hydroxy-2-methoxy-, (2R,7aS,11aS,11bR)- [20072-05-3]

## Phyllanthocin

See Dispiro[oxirane-2,3'(2'H)-benzofuran-2',2''-(2H)pyran]-6'-carboxylic acid, decahydro-5''-methyl-4''-[(2E)-1-oxo-3-phenyl-2-propenyl]oxy]-, methyl ester, (2R,2'S,3'aS,4'R,5'S,6'S,7'aR)- [62948-37-2]

## Phyllanthocindiol

See Spiro[benzofuran-2(3H),2'-(2H)pyran]-6-carboxylic acid, decahydro-3-hydroxy-3-(hydroxymethyl)-5'-methyl-4''-[(2E)-1-oxo-3-phenyl-2-propenyl]oxy]-dispiro[oxirane-2,3'(2'H)-benzofuran-2',2''-(2H)pyran]-6'-carboxylate] [63166-73-4]

## Phyllanthol

See 13,27-Cycloursan-3-ol, (3 $\beta$ )- [546-51-0]